

## A B S T R A C T

An examination assistant device (3) is used for examination in which a process solution containing an etching solution is held in contact with an examination objective portion of a quartz pole member (21) of a semiconductor processing apparatus, and then the process solution is analyzed to identify a metal impurity contained in the examination objective portion. The pole member (21) includes a pair of concave portions (22) disposed one on either side of the examination objective portion. The examination assistant device (3) includes a pair of end plates (32) configured to engage with the pair of concave portions, a frame (30) connecting the pair of end plates, and a solution receiver (31) disposed between the pair of end plates. The solution receiver (31) has dimensions to store the process solution and hold the process solution in contact with the examination objective portion.